

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	109	spirobifluorene\$ and triazine and polymer	US-PGPUB; USPAT	OR	ON	2009/06/11 08:42
L2	11	spirobifluorene\$ and triazine with polymer	US-PGPUB; USPAT	OR	ON	2009/06/11 08:42
L3	4669	triazine with polymer	US-PGPUB; USPAT	OR	ON	2009/06/11 09:32
L5	0	triazine with polymer with spirobifluorene\$	EPO; JPO	OR	ON	2009/06/11 09:33
L6	500	triazine with polymer	EPO; JPO	OR	ON	2009/06/11 09:33
S3	1	"20020034659"	US-PGPUB; USPAT	OR	OFF	2009/06/09 13:33
S4	1	"6329082".pn.	US-PGPUB; USPAT	OR	ON	2009/06/09 13:36
S5	1	"5840217".pn.	US-PGPUB; USPAT	OR	ON	2009/06/09 13:36
S6	1	"6352791".pn.	US-PGPUB; USPAT	OR	ON	2009/06/09 13:52
S7	1	"6229012".pn.	US-PGPUB; USPAT	OR	ON	2009/06/09 13:53
S8	1814	(OLED or (light with emitt\$3)) and phosphorescent and (hole adj3 block\$3)	US-PGPUB; USPAT	OR	ON	2009/06/09 13:55
S9	35	(OLED or (light with emitt\$3)) and phosphorescent and (hole adj3 block\$3) with (heterocyc\$7 or triazine\$2 or heteroaryl or \$5aryl)	US-PGPUB; USPAT	OR	ON	2009/06/09 13:58
S10	51	(OLED or (light with emitt\$3)) and phosphorescent and (hole adj3 block\$3) and triazine\$ and spirobifluorene	US-PGPUB; USPAT	OR	ON	2009/06/09 14:01
S11	26	triazine\$ with spirobifluorene	US-PGPUB; USPAT	OR	ON	2009/06/09 14:05
S12	5	triazine\$ with spirofluorene	US-PGPUB; USPAT	OR	ON	2009/06/09 14:27

S13	67	hetero\$7 with spirobifluorene	US-PGPUB; USPAT	OR	ON	2009/06/09 14:27
S16	1	"20020034659"	US-PGPUB; USPAT	OR	ON	2009/06/09 15:41
S17	1	"20020034659"	US-PGPUB; USPAT	OR	ON	2009/06/09 16:01
S18	1	"20040147742".pn.	US-PGPUB; USPAT	OR	ON	2009/06/09 16:08
S19	121	triazine\$ and spirobifluorene	US-PGPUB; USPAT	OR	ON	2009/06/09 16:17
S22	6	triazine\$ and spirobifluorene	DERWENT	OR	ON	2009/06/09 16:18
S23	1	"2007520875".pn.	DERWENT	OR	ON	2009/06/09 16:21
S24	8153	phosphorescent and (Perylene or molybdenum or tungsten or rhenium or ruthenium or osmium or rhodium or iridium or palladium or platinum or silver or gold or europium)	US-PGPUB; USPAT	OR	ON	2009/06/10 08:47
S25	182	phosphorescent and Perylene with (molybdenum or tungsten or rhenium or ruthenium or osmium or rhodium or iridium or palladium or platinum or silver or gold or europium)	US-PGPUB; USPAT	OR	ON	2009/06/10 08:48
S26	8	phosphorescent and Perylene adj3 (molybdenum or tungsten or rhenium or ruthenium or osmium or rhodium or iridium or palladium or platinum or silver or gold or europium)	US-PGPUB; USPAT	OR	ON	2009/06/10 08:48
S27	776	Perylene with complex \$3 with (molybdenum or tungsten or rhenium or ruthenium or osmium or rhodium or iridium or palladium or platinum or silver or gold or europium)	US-PGPUB; USPAT	OR	ON	2009/06/10 08:51

S28	206	Perylene with complex \$3 with (molybdenum or tungsten or rhenium or ruthenium or osmium or rhodium or iridium or palladium or platinum or silver or gold or europium) and electrolumin\$7	US-PGPUB; USPAT	OR	ON	2009/06/10 08:51
S29	0	(Perylene adj3 dop\$3) adj3 (molybdenum or tungsten or rhenium or ruthenium or osmium or rhodium or iridium or palladium or platinum or silver or gold or europium) and electrolumin\$7	US-PGPUB; USPAT	OR	ON	2009/06/10 08:54
S30	186	(Perylene adj3 dop\$3)	US-PGPUB; USPAT	OR	ON	2009/06/10 08:55
S31	8	(Perylene adj3 dop\$3) with metal	US-PGPUB; USPAT	OR	ON	2009/06/10 08:55
S32	103	(phosphorescent adj4 dop\$3) adj4 (molybdenum or tungsten or rhenium or ruthenium or osmium or rhodium or iridium or palladium or platinum or silver or gold or europium)	US-PGPUB; USPAT	OR	ON	2009/06/10 08:59
S33	5	(phosphorescent adj4 dop\$3) adj4 (molybdenum or tungsten or rhenium or ruthenium or osmium or rhodium or iridium or palladium or platinum or silver or gold or europium) and spirobifluorene	US-PGPUB; USPAT	OR	ON	2009/06/10 08:59
S36	43	(phosphorescent adj4 dop\$3) adj4 (molybdenum or tungsten or rhenium or ruthenium or osmium or rhodium or iridium or palladium or platinum or silver or gold or europium) and perylene	US-PGPUB; USPAT	OR	ON	2009/06/10 09:04

S37	44	(phosphorescent adj4 dop\$3) and spirobifluorene	US-PGPUB; USPAT	OR	ON	2009/06/10 09:05
S38	1	"7498437".pn.	US-PGPUB; USPAT	OR	ON	2009/06/10 09:08
S39	69	(phosphorescent adj4 emitt\$3) and spirobifluorene	US-PGPUB; USPAT	OR	ON	2009/06/10 09:18
S40	1	"6229012".pn.	US-PGPUB; USPAT	OR	ON	2009/06/10 09:21
S41	99	spirobifluorene\$ with (carbazoles or ketones or imines or phosphine oxides or phosphine sulfides or phosphine selenides or phosphazenes or sulfones or sulfoxides or silanes or polypodal adj3 metal or oligophenylene\$)	US-PGPUB; USPAT	OR	ON	2009/06/10 09:25
S42	12	spirobifluorene\$ adj4 (carbazoles or ketones or imines or phosphine oxides or phosphine sulfides or phosphine selenides or phosphazenes or sulfones or sulfoxides or silanes or polypodal adj3 metal or oligophenylene\$)	US-PGPUB; USPAT	OR	ON	2009/06/10 09:25
S43	525	spirobifluorene\$ and (carbazoles or ketones or imines or phosphine oxides or phosphine sulfides or phosphine selenides or phosphazenes or sulfones or sulfoxides or silanes or polypodal adj3 metal or oligophenylene\$)	US-PGPUB; USPAT	OR	ON	2009/06/10 09:28

S44	42	spirobifluorene\$ and (carbazoles or ketones or imines or phosphine oxides or phosphine sulfides or phosphine selenides or phosphazenes or sulfones or sulfoxides or silanes or polypodal adj3 metal or oligophenylene\$) with phosphores\$7	US-PGPUB; USPAT	OR	ON	2009/06/10 09:29
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